

- Cappelletti, D., see Pirani, F. 394 (2004) 37  
 Cardinal, T., see Rocco, F. 394 (2004) 324  
 Carranza, M.A., see Douhal, A. 394 (2004) 54  
 Carretero, L., see Acebal, P. 394 (2004) 76  
 Castro, A., see Pirani, F. 394 (2004) 37  
 Catellani, M., see Ehrenfreund, E. 394 (2004) 132  
 Chan, W.K., see Leung, Y.H. 394 (2004) 452  
 Chan, W.K., see Cheung, C.H. 394 (2004) 203  
 Chang, H.-S., see Sung, S.-J. 394 (2004) 238  
 Chaquin, P. and A. Scemama, Theoretical study of the electrocyclization product of butadiyne: structure, stability and possible formations 394 (2004) 244  
 Chattaraj, P.K., see Parthasarathi, R. 394 (2004) 225  
 Chen, Y.-T., see Chuang, C.-H. 394 (2004) 287  
 Chen, C.-C., see Chuang, C.-H. 394 (2004) 287  
 Chen, C., see Zheng, X. 394 (2004) 137  
 Chen, J.M., see Lu, K.T. 394 (2004) 126  
 Chen, Y., see Zheng, X. 394 (2004) 137  
 Cheung, C.H., A.B. Djurišić, Y.H. Leung, Z.F. Wei, S.J. Xu and W.K. Chan, Tris(8-hydroxyquinoline) aluminium nanowires: a simple synthesis method 394 (2004) 203  
 Chiang, S.Y., see Lu, K.T. 394 (2004) 126  
 Cho, I., see Sung, S.-J. 394 (2004) 238  
 Cho, K.-Y., see Sung, S.-J. 394 (2004) 238  
 Choi, J.G., see Rocco, F. 394 (2004) 324  
 Chu, Y.-Y. and M.-D. Su, Theoretical study of addition reactions of carbene, silylene, and germylene to carbon nanotubes 394 (2004) 231  
 Chua, S.-J., see Liew, Y.-F. 394 (2004) 275  
 Chuang, C.-H., C.-C. Chen, H.-C. Wu and Y.-T. Chen, High-lying Rydberg states of vinyl bromide studied by two-photon resonant ionization spectroscopy 394 (2004) 287  
 Cool, T.A., see Taatjes, C.A. 394 (2004) 19  
 Couris, S., see Xenogiannopoulou, E. 394 (2004) 14  
 Cravino, A., see Ehrenfreund, E. 394 (2004) 132  
 Cremer, D., see Tuttle, T. 394 (2004) 5  
 Cupolillo, A., see Xu, F. 394 (2004) 280  
 Dalal, N., see Cage, B. 394 (2004) 188  
 Das, K.K., see Mondal, C.K. 394 (2004) 215  
 De Kok, M.M., see Timpanaro, S. 394 (2004) 339  
 De Waele, V., see Soroushian, B. 394 (2004) 313  
 Dellago, C., see Wang, Y. 394 (2004) 257  
 Derory, A., see Belaïche, M. 394 (2004) 147  
 Désilets, S., see Sun, X. 394 (2004) 266  
 DiLabio, G.A., see Johnson, E.R. 394 (2004) 334  
 Djurišić, A.B., see Leung, Y.H. 394 (2004) 452  
 Djurišić, A.B., see Cheung, C.H. 394 (2004) 203  
 Dobkowski, J., V. Galievsy, M. Gil and J. Waluk, Time-resolved fluorescence studies of porphycene isolated in low-temperature gas matrices 394 (2004) 410  
 Dodelet, J.P., see Sun, X. 394 (2004) 266  
 Douhal, A., M. Sanz, M.A. Carranza, J.A. Organero and L. Santos, Femtosecond observation of intramolecular charge- and proton-transfer reactions in a hydroxyflavone derivative 394 (2004) 54  
 Drillon, M., see Belaïche, M. 394 (2004) 147  
 Ebata, T., see Venkatesan, V. 394 (2004) 45  
 Ebata, T., see Biswas, N. 394 (2004) 61  
 Ehrenfreund, E., A. Cravino, H. Neugebauer, N.S. Sariciftci, S. Luzzati and M. Catellani, Even parity states in small band gap  $\pi$ -conjugated polymers: polydithienothiophenes 394 (2004) 132  
 Elango, M., see Parthasarathi, R. 394 (2004) 225

- Ellerjee, A., J. Linnanto and A. Freiberg, Spectroscopic and quantum chemical study of pressure effects on solvated chlorophyll 394 (2004) 80
- Fakis, M., I. Polyzos, G. Tsigaridas, V. Giannetas and P. Persephonis, Excited state dynamics of a partially conjugated polymer studied by femtosecond fluorescence upconversion spectroscopy 394 (2004) 372
- Fedotov, A.B., see Konorov, S.O.
- Freiberg, A., see Ellerjee, A.
- Frenking, G., see Zhang, J.
- Freyland, W., see Issanin, A.
- Freysz, E., S. Montant, S. Létard and J.-F. Létard, Single laser pulse induces spin state transition within the hysteresis loop of an Iron compound 394 (2004) 318
- Friedrich, J., see Cage, B.
- Fuji, T., see Taneichi, T.
- Fujii, A., see Venkatesan, V.
- Fujiwara, K., H. Monjushiro and H. Watari, Non-linear optical activity of porphyrin aggregate at the liquid/liquid interface 394 (2004) 349
- Furube, A., see Yoshihara, T.
- Galievsky, V., see Dobkowski, J.
- Gao, J., see Leung, Y.H.
- Gao, A.M., D.W. Zhang, J.Z.H. Zhang and Y. Zhang, An efficient linear scaling method for ab initio calculation of electron density of proteins 394 (2004) 452
- Ghosal, S. and S. Mahapatra, Theoretical study of the photodetachment spectroscopy of ClH<sub>2</sub><sup>-</sup> 394 (2004) 293
- Giannetas, V., see Fakis, M.
- Gil, M., see Dobkowski, J.
- Gokel, G.W., see Lu, W.
- Goworek, T., R. Zaleski and J. Wawryszczuk, Observation of intramolecular defects in *n*-alkanes C<sub>25</sub>H<sub>52</sub>–C<sub>29</sub>H<sub>60</sub> by the positron annihilation method 394 (2004) 410
- Gräfenstein, J., see Tuttle, T.
- Gratt, M., see Li, D.
- Grochola, A., W. Jastrzebski and P. Kowalczyk, The 3<sup>1</sup>P<sub>u</sub> state in Na<sub>2</sub> 394 (2004) 383
- Guo, J., see Zheng, X.
- Gutman, I., see Salem, K.
- Gutman, I., see Zhou, B.
- Han, S., see Xu, Z.
- Hendrickson, C.L., see Cage, B.
- Hillier, I.H., see McNamara, J.P.
- Hogreve, H., Mg<sub>2</sub><sup>2+</sup>: a long-lived metastable dication 394 (2004) 32
- Horiuchi, M., K. Maeda and T. Arai, Dynamic process of the photo-chemically produced flavin radicals in a neutral micelle studied by a magnetic field effect 394 (2004) 429
- Hu, J., see Lu, W.
- Hutter, J., see Bernasconi, L.
- Ilton, E.S., see Bagus, P.S.
- Inada, T. and S.-S. Lu, Thermal hysteresis caused by non-equilibrium antifreeze activity of poly(vinyl alcohol) 394 (2004) 188
- Inoue, T., see Xenogiannopoulou, E.
- Issanin, A., A. Turchanin and W. Freyland, Quasi-two-dimensional freezing and melting at the liquid/vapour interface of a Ga–Pb alloy 394 (2004) 14
- Iwai, T., see Shiraishi, M.
- Iwasa, Y., see Shiraishi, M.
- Jain, A.K., see Rocco, F.
- Jastrzebski, W., see Grochola, A.
- Jelliss, P.A., see Buckner, S.W.
- 394 (2004) 220
- 394 (2004) 110
- 394 (2004) 110
- 394 (2004) 324
- 394 (2004) 383
- 394 (2004) 400

- Jensen, P., see Melnikov, V.V. 394 (2004) 171  
 Jezierska, J., see Tabaka, K. 394 (2004) 298  
 Jiang, M.-H., see Sun, Y.-H. 394 (2004) 176  
 Johnson, E.R., R.A. Wolkow and G.A. DiLabio, Application of 25 density functionals to dispersion-bound homomolecular dimers 394 (2004) 334
- Kajimoto, O., see Kometani, N. 394 (2004) 85  
 Kataura, H., see Shiraishi, M. 394 (2004) 110  
 Katoh, R., see Yoshihara, T. 394 (2004) 161  
 Kemerink, M., see Timpanaro, S. 394 (2004) 339  
 Kim, W.S., see Sung, S.-J. 394 (2004) 238  
 Kim, Y.H., see Ree, J. 394 (2004) 250  
 Kim, J., see Lu, W. 394 (2004) 415  
 Ko, D.-S., see Lee, J. 394 (2004) 49  
 Kobayashi, T., see Taneichi, T. 394 (2004) 377  
 Kometani, N., K. Takemiya, Y. Yonezawa, F. Amita and O. Kajimoto, UV spectral shift of benzene in sub- and supercritical water 394 (2004) 85  
 Konno, T. and Y. Ozaki, Infrared spectroscopy of ( $^{12}\text{C}^{18}\text{O}_2$ )<sub>2</sub> and isotope effect on the vibrationally averaged structure of (CO<sub>2</sub>)<sub>2</sub> 394 (2004) 198  
 Konold, R.L., see Buckner, S.W. 394 (2004) 400
- Konorov, S.O., V.P. Mitrokhin, I.V. Smirnova, A.B. Fedotov, D.A. Sidorov-Biryukov and A.M. Zheltikov, Gas- and condensed-phase sensing by coherent anti-Stokes Raman scattering in a mesoporous silica aerogel host 394 (2004) 1  
 Koudoumas, E., see Xenogiannopoulou, E. 394 (2004) 14  
 Kowalczyk, P., see Grochola, A. 394 (2004) 383
- Łabuda, M., Y.S. Tergiman, Bacchus-Montabonel, M.-C. and J.E. Sienkiewicz, Ab initio molecular treatment for charge transfer by S<sup>3+</sup> ion on hydrogen 394 (2004) 446  
 Lampre, I., see Soroushian, B. 394 (2004) 313  
 Lavín, C., A.M. Velasco, I. Martín and E. Bustos, MQDO oscillator strengths and emission coefficients for electronic transitions in N<sub>2</sub> and NO 394 (2004) 114  
 Le Coustumer, P., see Rocco, F. 394 (2004) 324  
 Lee, J., J. Lee, M. Lee, K.-J.-B. Lee and D.-S. Ko, Scanning confocal fluorescence microscopy of single DNA-EtBr complexes dispersed in polymer 394 (2004) 49  
 Lee, J., J. Lee, M. Lee, K.-J.-B. Lee and D.-S. Ko, Scanning confocal fluorescence microscopy of single DNA-EtBr complexes dispersed in polymer 394 (2004) 49  
 Lee, M., see Lee, J. 394 (2004) 49  
 Lee, C.Y., see Rocco, F. 394 (2004) 324  
 Lee, K.-J.-B., see Lee, J. 394 (2004) 49  
 Létard, J.-F., see Freysz, E. 394 (2004) 318  
 Létard, S., see Freysz, E. 394 (2004) 318  
 Leung, Y.H., A.B. Djurišić, J. Gao, M.H. Xie, Z.F. Wei, S.J. Xu and W.K. Chan, Zinc oxide ribbon and comb structures: synthesis and optical properties 394 (2004) 452  
 Leung, Y.H., see Cheung, C.H. 394 (2004) 203  
 Lewis, E.K., C.J. Moehnke and C.E. Manzanares, Phase shift cavity ring down and FT-VIS measurements of C-H ( $\Delta\nu = 5$ ) vibrational overtone absorptions 394 (2004) 25  
 Li, H., see Xu, Z. 394 (2004) 405  
 Li, R., see Sun, X. 394 (2004) 266  
 Li, D., J.T. McCann, M. Gratt and Y. Xia, Photocatalytic deposition of gold nanoparticles on electrospun nanofibers of titania 394 (2004) 387  
 Liew, Y.-F., F. Zhu and S.-J. Chua, Effect of organic layer combination on dark spot formation in organic light emitting devices 394 (2004) 275  
 Linnanto, J., see Ellerjee, A. 394 (2004) 80  
 Lipiński, J., Sum rules for nonlinear optical properties of molecules 394 (2004) 397  
 Little, R.B., see Cage, B. 394 (2004) 188  
 López, J.C., see Ottaviani, P. 394 (2004) 262

- Lu, W., W. Qiu, J. Kim, O. Okobiah, J. Hu, G.W. Gokel and D. Zhong, Femtosecond studies of crown ethers: supramolecular solvation, local solvent structure and cation–π interaction 394 (2004) 415
- Lu, S.-I., Random walks based approach to study on molecular structures and torsional barrier heights of hydrogen peroxide 394 (2004) 271
- Lu, K.T., C.I. Ma, J.M. Chen and S.Y. Chiang, VUV photoionization of Si(CH<sub>3</sub>)<sub>2</sub>Cl<sub>2</sub> using synchrotron radiation 394 (2004) 126
- Lu, S.-S., see Inada, T. 394 (2004) 361
- Luo, Y., see Sun, Y.-H. 394 (2004) 176
- Luzzati, S., see Ehrenfreund, E. 394 (2004) 132
- 
- Ma, C.I., see Lu, K.T. 394 (2004) 126
- Madhu, P.K., E. Vinogradov and S. Vega, Multiple-pulse and magic-angle spinning aided double-quantum proton solid-state NMR spectroscopy 394 (2004) 423
- Maeda, K., see Horiuchi, M. 394 (2004) 344
- Mahapatra, S., see Ghosal, S. 394 (2004) 207
- Maji, K., see Mondal, C.K. 394 (2004) 215
- Malykhin, S., see Zilberberg, I. 394 (2004) 392
- Manicò, G., see Xu, F. 394 (2004) 280
- Manzanares, C.E., see Lewis, E.K. 394 (2004) 25
- Marshall, A.G., see Cage, B. 394 (2004) 188
- Martín, I., see Lavin, C. 394 (2004) 114
- Matuszczyk, M., E. Buszman, B. Pilawa, T. Witoszyńska and T. Wilczok, Cd<sup>2+</sup> effect on free radicals in *Cladosporium cladosporioides*-melanin tested by EPR spectroscopy 394 (2004) 366
- McCann, J.T., see Li, D. 394 (2004) 387
- McFarland, M.A., see Cage, B. 394 (2004) 188
- 
- McNamara, J.P., A.-M. Muslim, H. Abdel-Aal, H. Wang, M. Mohr, I.H. Hillier and R.A. Bryce, Towards a quantum mechanical force field for carbohydrates: a reparametrized semi-empirical MO approach 394 (2004) 429
- Melnikov, V.V. and P. Jensen, Potential energy surface and spectroscopic parameters of  $\tilde{X}^3\Sigma^-$  CNN 394 (2004) 171
- Mikami, N., see Biswas, N. 394 (2004) 61
- Mikami, N., see Venkatesan, V. 394 (2004) 45
- Mitrokhin, V.P., see Konorov, S.O. 394 (2004) 1
- Moehnke, C.J., see Lewis, E.K. 394 (2004) 25
- Mohr, M., see McNamara, J.P. 394 (2004) 429
- Moix Teixidor, M., see Pirani, F. 394 (2004) 37
- Mondal, C.K., K.K. Das, K. Maji and S.P. Bhattacharyya, Photoionization dynamics from Cl<sub>2</sub><sup>−</sup>: a one-electron model 394 (2004) 215
- Monjushiro, H., see Fujiwara, K. 394 (2004) 349
- Montant, S., see Freysz, E. 394 (2004) 318
- Morales, D.A., Supersymmetric improvement of the Pekeris approximation for the rotating Morse potential 394 (2004) 68
- Mostafavi, M., see Soroushian, B. 394 (2004) 313
- Murai, M., see Yoshihara, T. 394 (2004) 161
- Muslim, A.-M., see McNamara, J.P. 394 (2004) 429
- 
- Nakajima,<sup>1</sup> K., see Taatjes, C.A. 394 (2004) 19
- Neugebauer, H., see Ehrenfreund, E. 394 (2004) 132
- Nozaki, D. and K. Yoshizawa, Molecular orbital engineering of single-molecular light emission 394 (2004) 194
- 
- Okobiah, O., see Lu, W. 394 (2004) 415
- Oliva, A., see Xu, F. 394 (2004) 280
- Organero, J.A., see Douhal, A. 394 (2004) 54
- Osborn, D.L., see Taatjes, C.A. 394 (2004) 19

- Ottaviani, P., W. Caminati, B. Velino and J.C. López, Tunnelling rate and barrier to the transfer of the protic group in dimethylether-HCl 394 (2004) 262
- Ozaki, Y., see Konno, T. 394 (2004) 198
- Padmanabhan, J., see Parthasarathi, R. 394 (2004) 225
- Pan, Q.-J. and H.-X. Zhang, Theoretical studies on metal–metal interaction and  $\sigma^*(d) \rightarrow \sigma(p)$  transition in binuclear platinum(II) complex, *trans*-[Pt<sup>II</sup>(CN)<sub>4</sub>(PH<sub>2</sub>CH<sub>2</sub>PH<sub>2</sub>)<sub>2</sub>] 394 (2004) 155
- Papagno, L., see Xu, F. 394 (2004) 280
- Park, S.H., see Rocco, F. 394 (2004) 324
- Park, J.-K., see Sung, S.-J. 394 (2004) 238
- Parthasarathi, R., J. Padmanabhan, M. Elango, V. Subramanian and P.K. Chattaraj, Intermolecular reactivity through the generalized philicity concept 394 (2004) 225
- Paulus, B. and K. Rosciszewski, Metallic bonding due to electronic correlations: a quantum chemical ab initio calculation of the cohesive energy of mercury 394 (2004) 96
- Pernot, P., see Soroushian, B. 394 (2004) 313
- Persephonis, P., see Fakis, M. 394 (2004) 372
- Pilawa, B., see Matuszczyk, M. 394 (2004) 366
- Pirani, F., M. Alberti, A. Castro, M. Moix Teixidor and D. Cappelletti, Atom–bond pairwise additive representation for intermolecular potential energy surfaces 394 (2004) 37
- Polyzos, I., see Fakis, M. 394 (2004) 372
- Pommeret, S., see Soroushian, B. 394 (2004) 313
- Qiu, W., see Lu, W. 394 (2004) 415
- Ray, P.C., The effects of  $\pi$ -conjugation on first hyperpolarizabilities of charged NLO chromophores 394 (2004) 354
- Ree, J., Y.H. Kim and H.K. Shin, Collision-induced CH bond dissociation in highly excited toluene 394 (2004) 250
- Riccardi, P., see Xu, F. 394 (2004) 280
- Rocco, F., A.K. Jain, M. Treguer, T. Cardinal, S. Yotte, P. Le Coustumer, C.Y. Lee, S.H. Park and J.G. Choi, Optical response of silver coating on CdS colloids 394 (2004) 324
- Rosciszewski, K., see Paulus, B. 394 (2004) 96
- Ruyten, W., Oxygen quenching of PtTFPP in FIB polymer: a sequential process? 394 (2004) 101
- Ruzankin, S.P., see Zilberberg, I. 394 (2004) 392
- Ruzankin, S.P., see Zilberberg, I. 394 (2004) 165
- Salem, K. and I. Gutman, Clar number of hexagonal chains 394 (2004) 283
- Santos, L., see Douhal, A. 394 (2004) 54
- Sanz, M., see Douhal, A. 394 (2004) 54
- Sariciftci, N.S., see Ehrenfreund, E. 394 (2004) 132
- Scemama, A., see Chaque, P. 394 (2004) 244
- Schrader, S., see Timpanaro, S. 394 (2004) 339
- Shin, H.K., see Ree, J. 394 (2004) 250
- Shinohara, H., see Xenogiannopoulou, E. 394 (2004) 14
- Shiraishi, M., T. Takenobu, T. Iwai, Y. Iwasa, H. Kataura and M. Ata, Single-walled carbon nanotube aggregates for solution-processed field effect transistors 394 (2004) 110
- Sidorov-Biryukov, D.A., see Konorov, S.O. 394 (2004) 1
- Sienkiewicz, J.E., see Łabuda, M. 394 (2004) 446
- Smirnova, I.V., see Konorov, S.O. 394 (2004) 1
- Soroushian, B., I. Lampre, P. Pernot, V. De Waele, S. Pommeret and M. Mostafavi, Formation and geminate recombination of solvated electron upon two-photon ionisation of ethylene glycol 394 (2004) 313
- Sprik, M., see Bernasconi, L. 394 (2004) 141
- Stansfield, B., see Sun, X. 394 (2004) 266
- Su, M.-D., see Chu, Y.-Y. 394 (2004) 231
- Su, H., see Xie, Y. 394 (2004) 182
- Subramanian, V., see Parthasarathi, R. 394 (2004) 225
- Sun, Y.-H., K. Zhao, C.-K. Wang, Y. Luo, Y. Yan, X.-T. Tao and M.-H. Jiang, Theoretical studies on nonlinear optical properties of two newly synthesized compounds: PVPHC and DPVPA 394 (2004) 176

- Sun, X., R. Li, B. Stansfield, J.P. Dodelet and S. Désilets, 3D carbon nanotube network based on a hierarchical structure grown on carbon paper backing 394 (2004) 266
- Sung, S.-J., K.-Y. Cho, J.-H. Yoo, W.S. Kim, H.-S. Chang, I. Cho and J.-K. Park, Dimerization behavior of cinnamate group attached to flexible polymer backbone and its effect on the molecular orientation 394 (2004) 238
- Taatjes, C.A., D.L. Osborn, T.A. Cool and K. Nakajima, Synchrotron photoionization measurements of combustion intermediates: the photoionization efficiency of HONO 394 (2004) 19
- Tabaka, K. and J. Jeziorska, Molecular geometry and hyperfine interactions in iminoxyl radicals with C=O or CH<sub>2</sub> group – DFT and EPR studies in liquid and rigid media 394 (2004) 298
- Tagmatarchis, N., see Xenogiannopoulou, E. 394 (2004) 14
- Takemiya, K., see Kometani, N. 394 (2004) 85
- Takenobu, T., see Shiraishi, M. 394 (2004) 110
- Tamaki, Y., see Yoshihara, T. 394 (2004) 161
- Taneichi, T., T. Fuji, Y. Yuasa and T. Kobayashi, Vibrational phase characterization in femtosecond-pumped molecules by path-length modulation pump-probe spectroscopy 394 (2004) 377
- Tanner, P.A., Erratum to 'Fluorescence and phosphorescence of Cr<sup>3+</sup> in cubic hosts' [Chem. Phys. Lett. 388 (2004) 488–493] 394 (2004) 458
- Tao, X.-T., see Sun, Y.-H. 394 (2004) 176
- Teitel, S., see Wang, Y. 394 (2004) 257
- Tergiman, Y.S., see Łabuda, M. 394 (2004) 446
- Timpanaro, S., M. Kemerink, F.J. Touwslager, M.M. De Kok and S. Schrader, Morphology and conductivity of PEDOT/PSS films studied by scanning-tunneling microscopy 394 (2004) 339
- Torres, I., J. Barr, J.E. Verdasco, L. Bañares and F.J. Aoiz, Near UV photodissociation of dimethyl sulphide: a direct mechanism on the second absorption band 394 (2004) 307
- Touwslager, F.J., see Timpanaro, S. 394 (2004) 339
- Treguer, M., see Rocco, F. 394 (2004) 324
- Tsigaridas, G., see Fakis, M. 394 (2004) 372
- Turchanin, A., see Issanin, A. 394 (2004) 220
- Tuttle, T., J. Gräfenstein and D. Cremer, Analysis of the NMR through-space coupling mechanism between <sup>19</sup>F atoms 394 (2004) 5
- Tzeng, W.B., see Xie, Y. 394 (2004) 182
- Vega, S., see Madhu, P.K. 394 (2004) 423
- Velasco, A.M., see Lavin, C. 394 (2004) 114
- Velino, B., see Ottaviani, P. 394 (2004) 262
- Velizhanin, K.A., see Borovkov, V.I. 394 (2004) 441
- Venkatesan, V., A. Fujii, T. Ebata and N. Mikami, A direct experimental evidence for an aromatic C–H···O hydrogen bond by fluorescence-detected infrared spectroscopy 394 (2004) 45
- Verdasco, J.E., see Torres, I. 394 (2004) 307
- Vinogradov, E., see Madhu, P.K. 394 (2004) 423
- Waluk, J., see Dobkowski, J. 394 (2004) 410
- Wang, C.-K., see Sun, Y.-H. 394 (2004) 176
- Wang, T., see Zheng, X. 394 (2004) 137
- Wang, C., see Xu, Z. 394 (2004) 405
- Wang, H., see McNamara, J.P. 394 (2004) 429
- Wang, Y.-S., see Cage, B. 394 (2004) 188
- Wang, Y., S. Teitel and C. Dellago, Melting and equilibrium shape of icosahedral gold nanoparticles 394 (2004) 257
- Watanabe, T., see Biswas, N. 394 (2004) 61
- Watarai, H., see Fujiwara, K. 394 (2004) 349
- Wategaonkar, S., see Biswas, N. 394 (2004) 61
- Wawryszczuk, J., see Goworek, T. 394 (2004) 90
- Wei, Z.F., see Cheung, C.H. 394 (2004) 203
- Wei, Z.F., see Leung, Y.H. 394 (2004) 452

- Wilczok, T., see Matuszczyk, M. 394 (2004) 366  
 Wilson, A.K., see Bell, R.D. 394 (2004) 105  
 Witoszyńska, T., see Matuszczyk, M. 394 (2004) 366  
 Wolkow, R.A., see Johnson, E.R. 394 (2004) 334  
 Wu, H.-C., see Chuang, C.-H. 394 (2004) 287  
 Wu, T., see Xu, Z. 394 (2004) 405
- Xenogiannopoulou, E., S. Couris, E. Koudoumas, N. Tagmatarchis, T. Inoue and H. Shinohara, Nonlinear optical response of some isomerically pure higher fullerenes and their corresponding endohedral metallofullerene derivatives:  $C_{82}-C_{2v}$ ,  $Dy@C_{82}$  (I),  $Dy_2@C_{82}$  (I),  $C_{92}-C_2$  and  $Er_2@C_{92}$  (IV) 394 (2004) 14  
 Xia, Y., see Li, D. 394 (2004) 387
- Xie, Y., H. Su and W.B. Tzeng, Rotamers of *m*-aminophenol cation studied by mass analyzed threshold ionization spectroscopy and theoretical calculations 394 (2004) 182  
 Xie, M.H., see Leung, Y.H. 394 (2004) 452  
 Xu, S.J., see Leung, Y.H. 394 (2004) 452
- Xu, Z., H. Li, C. Wang, T. Wu and S. Han, Is the blue shift of C–H vibration in DMF–water mixture mainly caused by C–H· · O interaction? 394 (2004) 405  
 Xu, F., G. Manicò, A. Bonanno, P. Barone, P. Riccardi, A. Oliva, A. Cupolillo and L. Papagno, Electron energy loss spectrum of solid ethylene 394 (2004) 280  
 Xu, S.J., see Cheung, C.H. 394 (2004) 203
- Yan, Y., see Sun, Y.-H. 394 (2004) 176  
 Yonezawa, Y., see Kometani, N. 394 (2004) 85  
 Yoo, J.-H., see Sung, S.-J. 394 (2004) 238
- Yoshihara, T., M. Murai, Y. Tamaki, A. Furube and R. Katoh, Trace analysis by transient absorption spectroscopy: estimation of the solubility of  $C_{60}$  in polar solvents 394 (2004) 161  
 Yoshizawa, K., see Nozaki, D. 394 (2004) 194  
 Yotte, S., see Rocco, F. 394 (2004) 324  
 Yuasa, Y., see Taneichi, T. 394 (2004) 377
- Zaleski, R., see Goworek, T. 394 (2004) 90  
 Zhang, D.J. and R.Q. Zhang, A structural model of one-dimensional thin silica nanowires 394 (2004) 437  
 Zhang, R.Q., see Zhang, D.J. 394 (2004) 437  
 Zhang, D.W., see Gao, A.M. 394 (2004) 293  
 Zhang, J.Z.H., see Gao, A.M. 394 (2004) 293
- Zhang, J. and G. Frenking, Quantum chemical analysis of the chemical bonds in  $Mq_3$  ( $M = Al^{III}$ ,  $Ga^{III}$ ) as emitting material for OLED 394 (2004) 120  
 Zhang, Y., see Gao, A.M. 394 (2004) 293  
 Zhang, H.-X., see Pan, Q.-J. 394 (2004) 155  
 Zhao, K., see Sun, Y.-H. 394 (2004) 176  
 Zheltikov, A.M., see Konorov, S.O. 394 (2004) 1  
 Zheng, X., T. Wang, J. Guo, C. Chen and Y. Chen, Laser-induced fluorescence spectroscopy of NiS 394 (2004) 137  
 Zhidomirov, G.M., see Zilberberg, I. 394 (2004) 392  
 Zhong, D., see Lu, W. 394 (2004) 415
- Zhou, S., Erratum to 'Perturbative density functional approximation in the view of weighted density concept and beyond' [Chem. Phys. Lett. 385 (2004) 208] 394 (2004) 459  
 Zhou, B. and I. Gutman, Relations between Wiener, hyper-Wiener and Zagreb indices 394 (2004) 93  
 Zhu, F., see Liew, Y.-F. 394 (2004) 275
- Zilberberg, I., S.P. Ruzankin, S. Malykhin and G.M. Zhidomirov, Unrestricted density functional theory of the bonding between NO radical and ferrous ion 394 (2004) 392  
 Zilberberg, I. and S.P. Ruzankin, Expansion of the unrestricted determinant in the basis of paired orbitals 394 (2004) 165